

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0817 Carlin

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-----------------------------|------|------------|--------------------------|---------------|
| Unit No. 01 South Dry Creek | Left | 3.81 | 10/19/2016 10/19/2016 | Sterling York |

| | | | | | |
|--|-------------------------------|--------------|----|------------------------|-----|
| LM Start | | Rating ** | A | Issue No. | 5 |
| LM End | | Issue Type + | Ma | Location * | N/A |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Flood Preparedness & Training | | | ° | ° |
| | | | | ° | ° |
| DWR ID | DWR_RD0817_01_f_2014_5 | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| LMA regularly attends flood fight training put on by RD784 and DWR . | | | | | |

No Photos

| | | | | | |
|---|----------------------------------|--------------|----|------------------------|-----|
| LM Start | | Rating ** | A | Issue No. | 9 |
| LM End | | Issue Type + | Ma | Location * | N/A |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Operations & Maintenance Manuals | | | ° | ° |
| | | | | ° | ° |
| DWR ID | DWR_RD0817_01_s_2013_9 | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| The manuals are located at Tom Englers office and at Joe Conant's office. | | | | | |

No Photos

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

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|-----------------------------|------|------------|--------------------------|---------------|
| Unit No. 01 South Dry Creek | Left | 3.81 | 10/19/2016 10/19/2016 | Sterling York |

| | | | | | |
|---|--------------------------------|--------------|----|------------------------|-----------|
| LM Start | | Rating ** | A | Issue No. | 10 |
| LM End | | Issue Type + | Ma | Location * | N/A |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Emergency Supplies & Equipment | | | ° | ° |
| DWR ID | DWR_RD0817_01_s_2013_10 | | | | |
| Comment Code | | | | | |
| Inspector Comment | | | | | |
| LMA stated that they have approx. 2500 sandbags and related flood fight material located in a mini storage in downtown Wheatland. | | | | | |

No Photos

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 27 |
| LM End | 3.72 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.984674 ° | 39.019128 ° |
| | | | | -121.506111 ° | -121.455627 ° |
| DWR ID | DWR_RD0817_01_f_2016_27 | | | | |
| Comment Code | | | | | |
| V1 : Control annual grass and weeds on the levee slopes and easements. | | | | | |
| Inspector Comment | | | | | |
| Well maintained vegetation, Fall 2016. | | | | | |

Photo 1 of 1 : FA_2016_RD0817_12_27_20161025_00018.jpg



View of well maintained vegetation on the waterside looking downstream. Fall 2016.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

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| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-----------------------------|------|------------|--------------------------|---------------|
| Unit No. 01 South Dry Creek | Left | 3.81 | 10/19/2016 10/19/2016 | Sterling York |

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 26 |
| LM End | 3.72 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.984674 ° | 39.019129 ° |
| | | | | -121.506111 ° | -121.455623 ° |
| DWR ID | DWR_RD0817_01_f_2016_26 | | | | |
| Comment Code | | | | | |
| V1 : Control annual grass and weeds on the levee slopes and easements. | | | | | |
| Inspector Comment | | | | | |
| Well maintained vegetation, Fall 2016. | | | | | |

Photo 1 of 1 : FA_2016_RD0817_12_26_20161025_00019.jpg



View of well maintained vegetation on the landside looking downstream.
Fall 2016.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

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Reclamation District No. 0817 Carlin

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------|-------|------------|--------------------------|---------------|
| Unit No. 02 Bear River | Right | 3.86 | 10/19/2016 10/19/2016 | Sterling York |

| | | | | | |
|---|------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.01 | Rating ** | C | Issue No. | 7 |
| LM End | 3.83 | Issue Type + | Ma | Location * | CR |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.984582 ° | 38.993173 ° |
| | | | | -121.506061 ° | -121.437835 ° |
| DWR ID | DWR_RD0817_02_s_2016_7 | | | | |
| Comment Code | | | | | |
| V9 : Keep the crown roadway free of vegetation. | | | | | |
| Inspector Comment | | | | | |
| The crown vegetation growth has been removed and new aggregate base placed for an effective all weather surface. Fall 2016. | | | | | |

No Photos

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.06 | Rating ** | M | Issue No. | 14 |
| LM End | 3.86 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.984088 ° | 38.993400 ° |
| | | | | -121.505366 ° | -121.437366 ° |
| DWR ID | DWR_RD0817_02_f_2016_14 | | | | |
| Comment Code | | | | | |
| V1 : Control annual grass and weeds on the levee slopes and easements. | | | | | |
| Inspector Comment | | | | | |
| Annual grass needs to be maintained, Fall 2016. | | | | | |

Photo 1 of 1 : FA_2016_RD0817_13_14_20161025_00020.jpg



View of annual grass that needs to be maintained on the waterside looking upstream, Fall 2016.

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

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Reclamation District No. 0817 Carlin

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------|-------|------------|--------------------------|---------------|
| Unit No. 02 Bear River | Right | 3.86 | 10/19/2016 10/19/2016 | Sterling York |

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.06 | Rating ** | M | Issue No. | 13 |
| LM End | 3.86 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.984085 ° | 38.993400 ° |
| | | | | -121.505363 ° | -121.437366 ° |
| DWR ID | DWR_RD0817_02_f_2016_13 | | | | |
| Comment Code | | | | | |
| V1 : Control annual grass and weeds on the levee slopes and easements. | | | | | |
| Inspector Comment | | | | | |
| Annual grass needs to be maintained, Fall 2016. | | | | | |

Photo 1 of 1 : FA_2016_RD0817_13_13_20161025_00018.jpg



View of annual grass that needs to be maintained on the landside looking upstream, Fall 2016.

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.47 | Rating ** | M | Issue No. | 15 |
| LM End | 1.47 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Erosion / Bank Caving | | | 38.986563 ° | 38.986563 ° |
| | | | | -121.479509 ° | -121.479509 ° |
| DWR ID | DWR_RD0817_02_f_2016_15 | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| Sink hole were old stump was needs to be backfilled and compacted. Fall 2016. | | | | | |

Photo 1 of 1 : FA_2016_RD0817_13_15_20161025_00021.jpg



View of a sink hole were old stump was. This needs to be backfilled and compacted. Fall 2016.

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

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| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------|-------|------------|--------------------------|------------------|
| Unit No. 02 Bear River | Right | 3.86 | 10/19/2016 10/19/2016 | Sterling York |

| | | | | | |
|---|-------------------------|--------------|-----|------------------------|--------------|
| LM Start | 3.63 | Rating ** | A/W | Issue No. | 17 |
| LM End | 3.63 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.992774° | 38.992774° |
| | | | | -121.441323° | -121.441323° |
| DWR ID | DWR_RD0817_02_f_2016_17 | | | | |
| Comment Code | | | | | |
| V4 : Elderberries are blocking visibility and flood fight capability. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | |
|--|--|---|---|
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| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-----------------------------|-------|------------|--------------------------|---------------|
| Unit No. 03 South Dry Creek | Right | 1.32 | 10/19/2016 10/19/2016 | Sterling York |

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.25 | Rating ** | M | Issue No. | 17 |
| LM End | 1.27 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.987626 ° | 38.996896 ° |
| | | | | -121.506567 ° | -121.491926 ° |
| DWR ID | DWR_RD0817_03_f_2016_17 | | | | |
| Comment Code | | | | | |
| V1 : Control annual grass and weeds on the levee slopes and easements. | | | | | |
| Inspector Comment | | | | | |
| Annual grasses need to be maintained. Fall 2016. | | | | | |

Photo 1 of 1 : FA_2016_RD0817_14_17_20161025_00029.jpg



View of annual grasses that need to be maintained on the waterside looking downstream. Fall 2016.

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.25 | Rating ** | M | Issue No. | 16 |
| LM End | 1.27 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.987626 ° | 38.996896 ° |
| | | | | -121.506567 ° | -121.491925 ° |
| DWR ID | DWR_RD0817_03_f_2016_16 | | | | |
| Comment Code | | | | | |
| V1 : Control annual grass and weeds on the levee slopes and easements. | | | | | |
| Inspector Comment | | | | | |
| Annual grasses need to be maintained. Fall 2016. | | | | | |

Photo 1 of 1 : FA_2016_RD0817_14_16_20161025_00028.jpg



View of annual grasses that need to be maintained on the landside looking downstream. Fall 2016.

| | | |
|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
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| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-----------------------------|-------|------------|--------------------------|---------------|
| Unit No. 03 South Dry Creek | Right | 1.32 | 10/19/2016 10/19/2016 | Sterling York |

| | | | | | |
|--|------------------------|--------------|----|------------------------|--------------|
| LM Start | 0.55 | Rating ** | U | Issue No. | 8 |
| LM End | 0.81 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.989961° | 38.992220° |
| | | | | -121.502009° | -121.498198° |
| DWR ID | DWR_RD0784_06_f_2012_8 | | | | |
| Comment Code | | | | | |
| V2 : Remove the wild growth other than native grasses from the levee slopes. | | | | | |
| Inspector Comment | | | | | |
| Dense berry bushes along slope. Fall 2016. | | | | | |

Photo 1 of 1 : FA_2016_RD0817_14_8_20161025_00036.jpg



View of blackberry bushes that have taken over the landside slope looking upstream. Fall 2016.

| | | | | | |
|--|------------------------|--------------|----|------------------------|--------------|
| LM Start | 0.58 | Rating ** | C | Issue No. | 7 |
| LM End | 0.58 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.990201° | 38.990201° |
| | | | | -121.501522° | -121.501522° |
| DWR ID | DWR_RD0784_06_f_2012_7 | | | | |
| Comment Code | | | | | |
| V2 : Remove the wild growth other than native grasses from the levee slopes. | | | | | |
| Inspector Comment | | | | | |
| Berries and saplings on the slope have been removed from this location, Fall 2016. | | | | | |

No Photos

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

